

## ABSTRACT

The object of the invention is a method, network element, and system for positioning a subscriber terminal in a packet-switched mobile telephone network, the said  
5 network comprising a core network element (SGSN, 504), base stations, a Base Station Controller (501) controlling these, and a mobile terminal; the connections in the mobile telephone network are arranged in a packet-switched fashion. The system comprises a location unit  
10 (SMLC, 505) for determining the position of the terminal, functionally connected with the Base Station Controller (501) of the mobile telephone network; the connection between the Base Station Controller (501) and the location unit (SMLC) is circuit-switched. The base station controller  
15 (501) comprises both circuit-switched (BSC) and packet-switched (PCU) functionality for processing circuit-switched, and respectively, packet-switched messages, as well as means (506, 507) for establishing an association between the circuit-switched and the packet-switched  
20 functionality for the transmission of data related to a specific positioning between the packet-switched and the circuit-switched functionality.

(Figure 5)